

A2

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--When an instruction cannot be executed properly, error notification is sent to error/warning storage structure 380 by notifier 370. In one embodiment, notifier 370 is a "thin wrapper" class that is described in greater detail below. Alternatively, notifier 370 can be a sequence of instructions of function(C) 340 or an independent called function (not shown in Figure 3), which results in higher overhead than the thin wrapper class embodiment. Function(C) 340 returns results to function(B) 320 via 350. Function(B) 320 in turn returns results to function(A) 300 via 360.--

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Please replace the paragraph beginning at page 9, line 6, with the following rewritten paragraph:

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A3

--Based on results returned from function(B) 320, function(A) 300 is notified that at least one error and/or warning occurred and that at least one called function did not successfully complete execution. Function(A) 300 retrieves error results from error/warning storage structure 380, via 390, to report the error/warning results to the user of the computer aided design tool. One embodiment for presenting the report is described in greater detail below.--

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In the Abstract:

Please replace the Abstract with the new Abstract enclosed herewith on a separate paper.